

Datasheet for D600-0100**Bovine Gamma Globulin Fraction****Overview**

Description:	Bovine Gamma Globulin Fraction - D600-0100
Item No.:	D600-0100
Size:	100 mg
Applications:	SDS-PAGE
Origin:	Bovine

Product Details

Background:	Bovine Gamma Globulin Fraction consists of the fraction of blood serum which contains whole antibodies as well as other non-albumin plasma proteins. Gamma globulins can be utilized therapeutically to temporarily boost an patient's immunity (such as after an immunosuppressive infection) or to increase the likelihood of kidney transplant acceptance. Bovine Gamma Globulin Fraction can be utilized in molecular biology experiments as a control reagent.
Synonyms:	Bovine Plasma Gamma Globulin, Bovine Serum Gamma Globulin, Bovine Globulin Fractions, Bovine Gamma Globulin
Species of Origin:	Bovine
Type:	Native Protein

Target Details

Purity/Specificity:	Bovine Gamma Globulin Fraction was prepared from normal serum by a multi-step process which includes delipidation and salt fractionation followed by extensive dialysis against the buffer stated above. Bovine Gamma Globulin Fraction was assayed by immunoelectrophoresis resulted in precipitin arcs against anti-Bovine Serum corresponding to gamma globulins.
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Application Details

Tested Applications:	SDS-PAGE
Application Note:	Bovine Gamma Globulin Fraction has been tested by SDS-PAGE and can be utilized in Western Blotting and ELISA experiments.

Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized
IHC:	User Optimized
WB:	User Optimized

Formulation

Physical State:	Lyophilized
Concentration:	11.1 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Reconstitution Volume:	10.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store Bovine gamma globulin at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Bovine Gamma Globulin Fraction is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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